

Weather This Week January 18, 2022

Hi Folks,

Over the last week, precipitation was limited to coastal areas on the North Coast and southern Central and South Coasts. Some scattered showers also shown in the desert region between Daggett and Las Vegas. This is illustrated in the National Weather Service's California Nevada River Forecast Center's (CNRFC) observed precipitation map shown in Figure 1. The past week's weather has been marked by high pressure offshore and temperature inversions in valleys including the Central Valley.

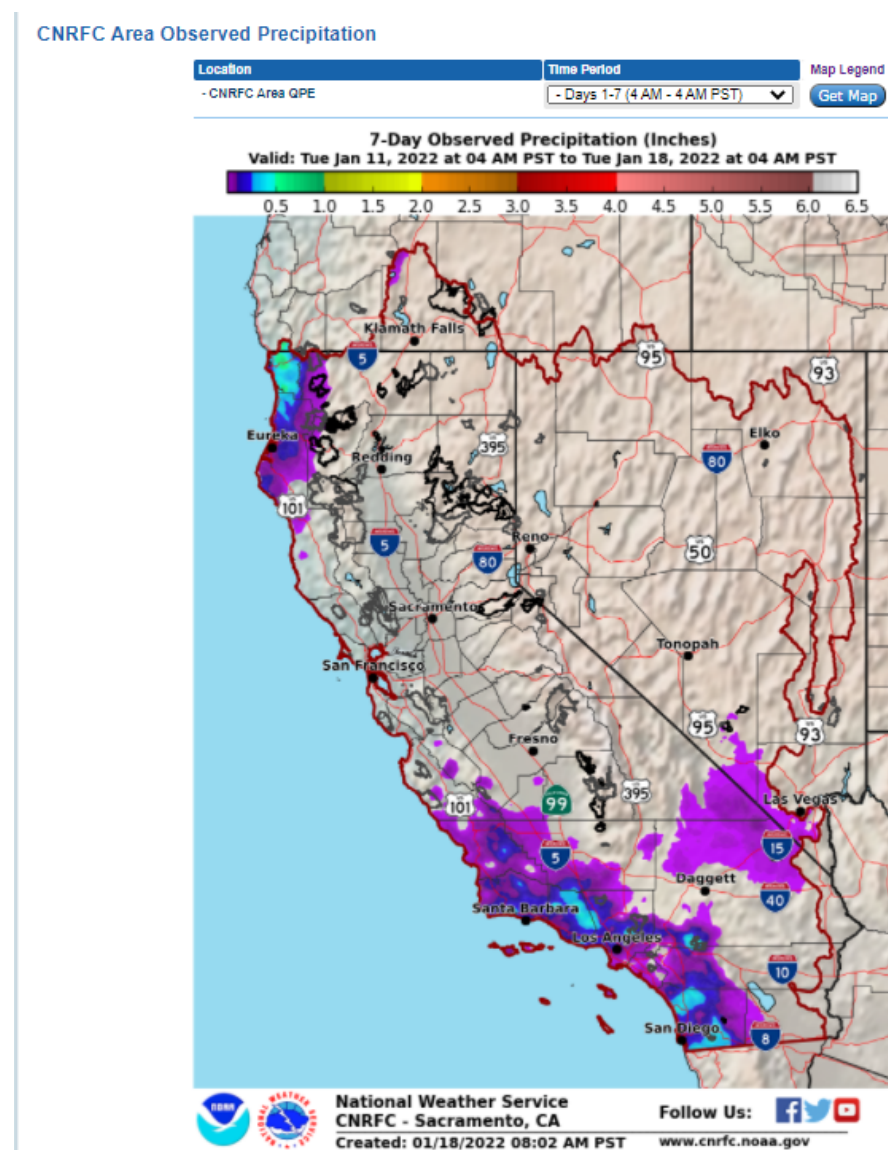


Figure 1. CNRFC map of observed precipitation from January 11 to January 18, 2022.

For the week ahead, the CNRFC forecasts only scattered showers for the southern part of the state as shown in Figure 2. This will mark two weeks of limited precipitation for California during what is climatically one of its wettest months.

CNRFC Area Precipitation Forecast

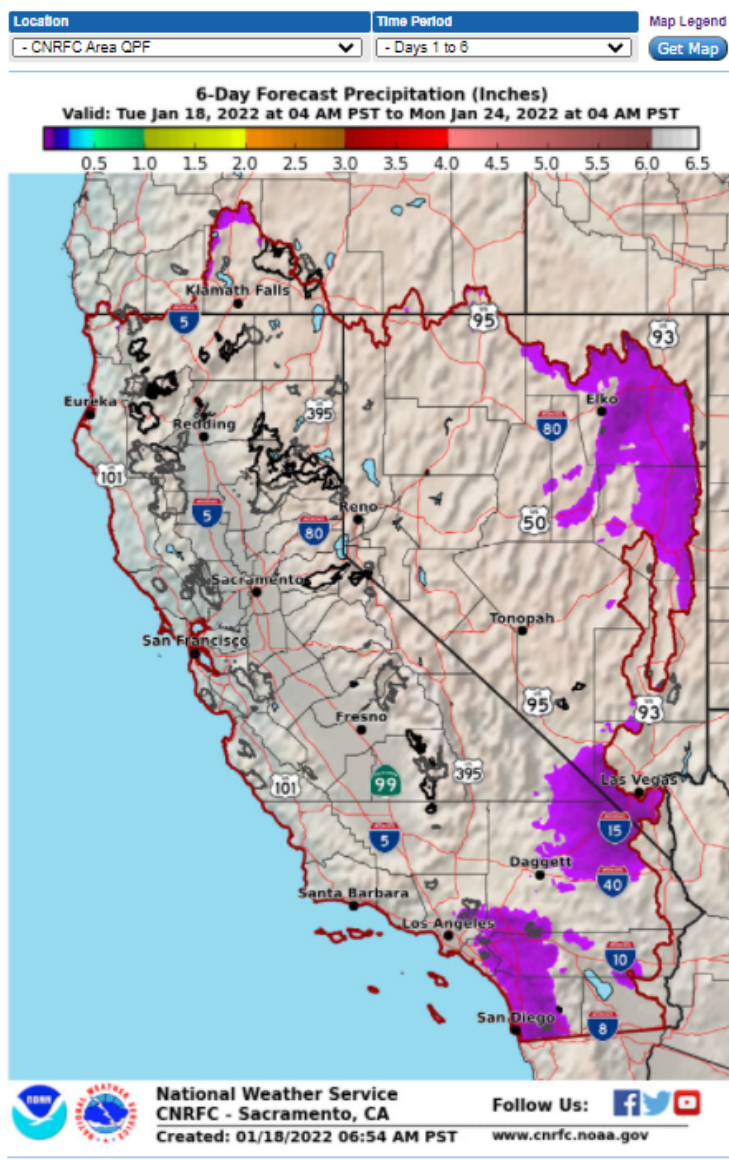


Figure 2. CNRFC map of forecast precipitation from January 18 through January 24, 2022.

Looking at the forecast models in week 2 which extends to the end of January using the Center for Western Weather and Water Extremes (CW3E) AR Landfall tool (shown in Figure 3), there is no sign of significant precipitation for California denoted by the light blue colors across all 16 days of the forecast.

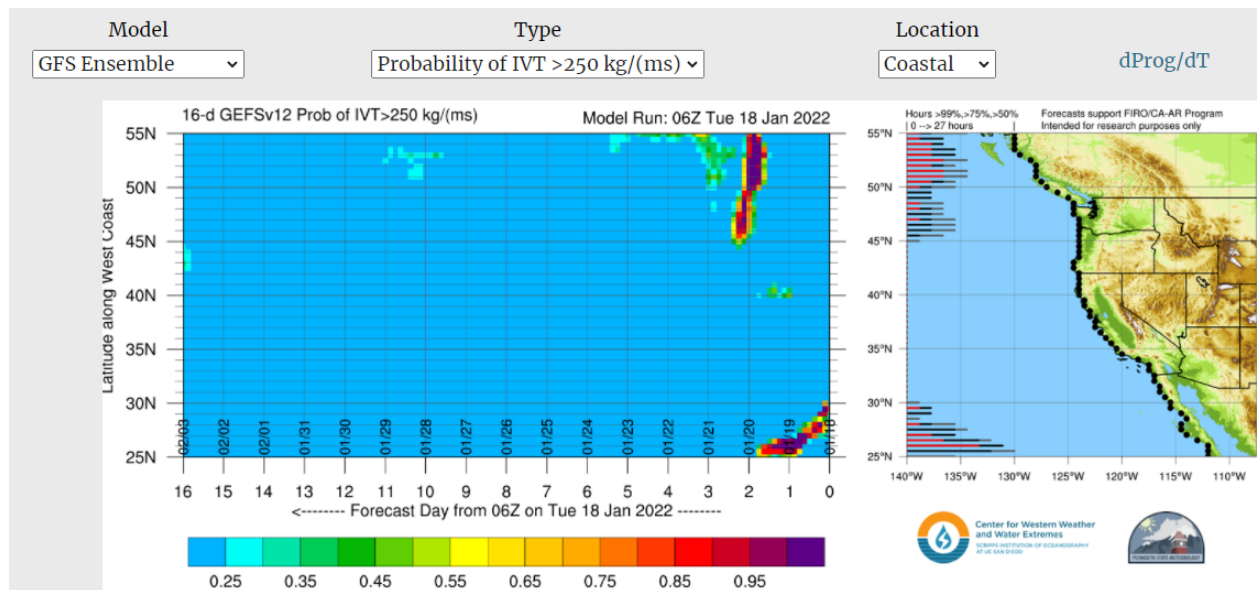


Figure 3. CW3E AR landfall tool showing absence of atmospheric river activity.

Looking at the forecast model, the high pressure offshore of California moves around over the course of the two week forecast, but pushes storms up into Alaska near Anchorage. Towards the end of the forecast there are signs the high will migrate west closer to the international date line opening the door for storms to return to California. This will bear watching to see if and how it verifies. Next forecast discussion will be issued next week.

Mike